

5.7 NOISE

This chapter assesses the noise impacts that would result from the provision of additional housing under Mitigation Measure SOCIO-1b.

The additional housing proposed under Mitigation Measure SOCIO-1b for Alternative 5 includes housing in both Bay View and the NASA Research Park (NRP). Noise sources in these areas include aircraft operations from the airfield, testing in wind tunnels and traffic noise.

The additional housing proposed in Bay View would be compatible with the existing and future noise environment. Future noise exposure where additional housing is proposed would be 60 dBA Ldn or lower. As a result, no adverse impacts would be expected with this additional housing.

Additional housing is also proposed in the NRP where future noise exposure is 60 to 70 dBA Ldn. The following impacts are predicted under the build out of Alternative 5 with the additional housing mitigation:

- Additional housing proposed at Parcel 6 would be exposed to noise levels of 60 to 65 dBA Ldn. This would be considered "conditionally acceptable."
- Additional housing proposed at Building 20 would be exposed to noise levels 65 to 70 dBA Ldn, which is also considered "Conditionally Acceptable" by California Planning Guidelines and HUD guidelines but not Santa Clara County guidelines. Housing in Building 19 would be exposed to 70 to 75 dBA, which is above California Planning Guidelines conditionally acceptable levels but is still conditionally acceptable to HUD.

Mitigation Measures NOISE-1A and NOISE-1B would apply to additional housing proposed in the NRP.

Changes to traffic resulting from the additional housing are not predicted to change traffic noise levels at off-site noise sensitive locations. No adverse noise impacts are predicted with the implementation of the additional housing mitigation measure.

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